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1/6

SEQUENCE LISTING

<110> KONISHI, Yasuo

SLON, Jacek

<120> TRIVALENT THROMBIN INHIBITOR

<130> 2139-11US

<140> 09/529,232

<141> 2000-04-10

<150> PCT/CA97/00745

<151> 1997-10-15

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<222> (10)...(10)

<223> Xaa = beta-cyclohexyl-Ala

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<223> Xaa = D-glutamic acid

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<223> S' sites blocking segment

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<223> Xaa = Gly, L-Ala, D-Ala, 2-Aib, L-a-Abu, D-a-Abu, L-Nva, D-Nva, L-Nle,

D-Nle, L-Cys, L-penicillamine, D-penicillamine, L-Met, D-Met, L-Val,

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<223> Xaa = D-Val, L-tert-butylglycine, D-tert-butylglycine, L-Ile, D-Ile,

L-Leu, D-Leu, cyclohexylglycine, L-b-cyclohexylalanine,

D-b-cyclohexylalanine, L-phenylglycine, D-phenylglycine, L-Phe, D-Phe,

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<223> Xaa = L-homophenylalanine, D-homophenylalanine, L-His, D-His, L-Trp,

D-Trp, L-b-(2-thienyl)-Alanine, and D-b-(2-thienyl)-Alanine

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<223> Xaa = Gly, L-Ala, D-Ala, 2-Aib, L-a-Abu, D-a-Abu, L-Nva, D-Nva, L-Nle,

D-Nle, L-Cys, L-penicillamine, D-penicillamine, L-Met, D-Met, L-Val,

D-Val, L-tert-butylglycine, D-tert-butylglycine, L-Ile, D-Ile, L-Leu,

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D-b-cyclohexylalanine, L-phenylglycine, D-phenylglycine, L-Phe,

D-Phe, homophenylalanine, His, L-Trp, D-Trp, L-b-(2-thienyl)-alanine,

and D-b-(2-thienyl)-alanine

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<223> Xaa = D-pipecolic acid

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<223> Xaa = Gly, L-Ala, D-Ala, 2-Aib, L-a-Abu, D-a-Abu, L-Nva, D-Nva, L-Nle,

D-Nle, L-Cys, L-penicillamine, D-penicillamine, L-Met, D-Met, L-Val,

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<223> Xaa = D-Val, L-tert-butylglycine, D-tert-butylglycine, L-Ile, D-Ile,

L-Leu, D-Leu, cyclohexylglycine, L-b-cyclohexylalanine,

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D-Phe, L-homophenylalanine, D-homophenylalanine, L-His, D-His, L-Trp,

D-Trp, L-b-(2-thienyl)- alanine, and D-b-(2-thienyl)- alanine

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<223> Xaa = Gly, L-Ala, D-Ala, 2-Aib, L-a-Abu, D-a-Abu, L-Nva, D-Nva, L-Nle,

D-Nle, L-Cys, L-penicillamine, D-penicillamine, L-Met, D-Met, L-Val,

D-Val, L-tert-butylglycine, D-tert-butylglycine, L-Ile, D-Ile, L-Leu,

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<223> Xaa = D-Leu, cyclohexylglycine, L-b-cyclohexylalanine,
 D-b-cyclohexylalanine, L-phenylglycine, D-phenylglycine, L-Phe, D-
 Phe,
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 and D-b-(2-thienyl)- alanine

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Ala Xaa Xaa